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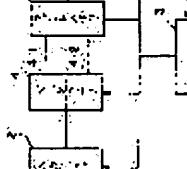
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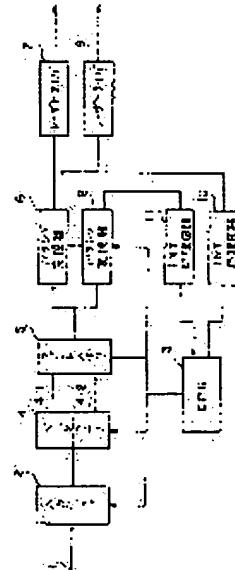
(54) IMAGE FORMING APPARATUS

(57) Abstract:

PURPOSE: To enhance the throughput of printing as a whole, even in a multicolor printer, by early outputting a paper feed signal to a printing part without waiting for the finish of an original multicolor printing full-process when monochromatic printing is performed or mixed.

CONSTITUTION: For example, a CPU 3 outputs a paper feed signal N-1 at the point of time when the preparation for the printing data of the (N-1)-th page is completed and successively reads page data N-1 from a red page memory 4-1. A parallel/serial converter 6 sends out the obtained parallel dot pattern data to a laser driver 7 to irradiate a photosensitive body and reads page data N-1 from a black page memory 4-2 after the elapse of a time T1. By this method, the printing cycle of the N-th page is taken and, for example, at the point of time when the feed-out (printing) of the red data of the N-th page is finished, it is checked whether the page data of the (N+1)-th page is monochromatic (only red or only black) and, in the case of the monochromatic data, a paper feed signal N+1 is outputted. That is, the paper feed signal N+1 is outputted earlier than usual.





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